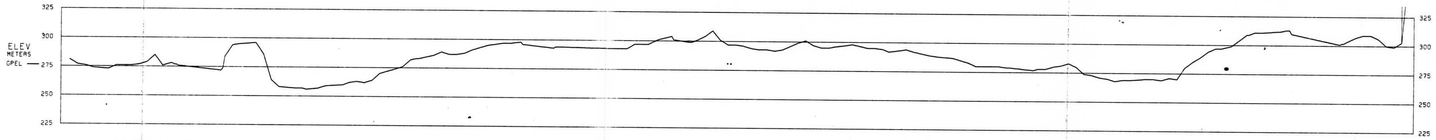


VELOCITIES AT SP 1080

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
50	115	4600	4600
310	735	4550	4525
650	1545	4800	4759
960	2414	5700	7844
1500	4401	5800	5957
2820	8684	6500	7674
4500	14444	6500	6500

VELOCITIES AT SP 1095

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
50	120	4600	4600
480	1080	4600	4600
1000	2148	4900	5183
1200	2635	4900	4860
1440	3551	5300	8470
1650	4808	6450	11587
2820	8684	6450	6450
4500	14059	6450	6450

VELOCITIES AT SP 1113

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
340	799	4700	4700
1000	2148	4900	5183
1270	3076	4900	4857
1330	3342	5150	8828
1410	3684	5400	8544
1480	3969	5000	7033
2820	8518	6000	8898
4500	14783	6700	5760

VELOCITIES AT SP 1139

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
190	[illegible]	4700	4700
840	[illegible]	4550	4828
1050	[illegible]	4300	3550
1250	[illegible]	4300	7631
1340	[illegible]	5200	8293
2820	[illegible]	7200	8273
4500	[illegible]	7200	7200

VELOCITIES AT SP 1158

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
1000	2116	4150	4150
2320	8599	5850	8898
2720	8111	6000	6720
4500	13901	6000	6000

VELOCITIES AT SP 1180

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
50	112	4500	4500
880	1759	4000	3868
1260	2580	4100	4823
1490	3155	4250	4992
2570	5906	4700	5695
2770	6431	4700	4700
4500	10517	4700	4700

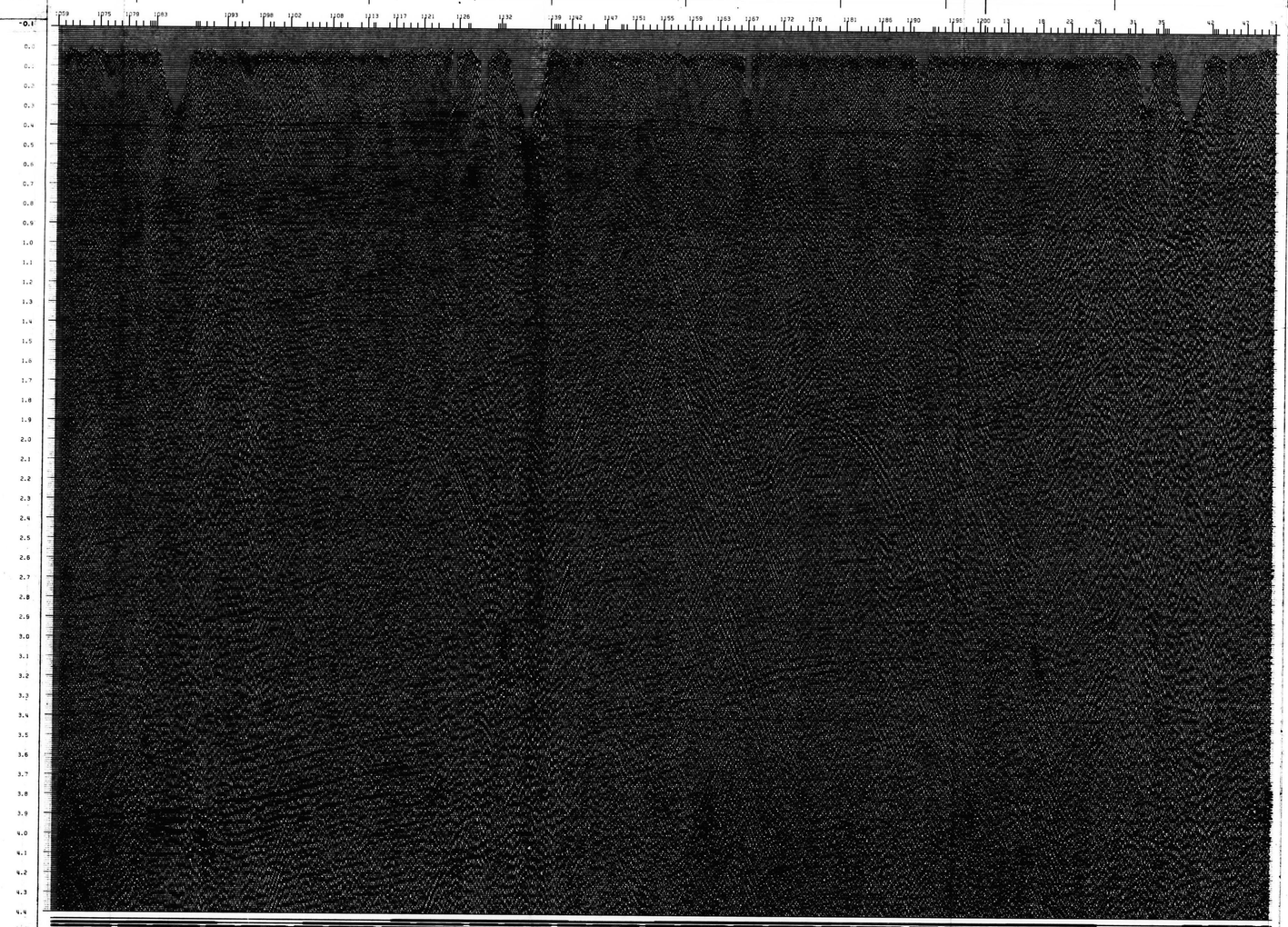
VELOCITIES AT SP 1195

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
50	112	4500	4500
480	1080	4500	4500
1240	2406	5550	5121
1280	2481	5550	5550
1490	2900	5550	5550
2720	5272	5550	5550
4500	12452	5550	5550

VELOCITIES AT SP 20

TIME	DEPTH	V-RMS	V-INT
MS	M	M/S	M/S
50	112	4400	4400
880	1956	4400	4400
1200	2771	5500	6192
2070	5589	5500	5712
4500	14486	6500	6500

LINE 15X SR 18



246-06-00-113

PETRO-CANADA

S. WEST

S.P. 51-1089 FOLD 12 LINE 62X - 51X

TWEED LAKE
AREA

96K/8S
LOCATION

PETRO-CANADA EXPLORATION
CLIENT

STATICS NMO SCALE STACK FILT SCALE
PRIMARY DIGITAL PROCESSES

☒ STRUCTURE ☐ FLATTENED

RECORDING DATA

RECORDED BY: UNITED GEOPHYSICAL COMPANY OF AMERICA

DATE FEBRUARY 10 1982

PART NO. 552

ENERGY SOURCE

DYNAMITE ☒ VIBROSEIS ☐

OTHER

FIELD INSTRUMENTS DFS V

FIELD FILTER OUT-128 HZ

GROUP INTERVAL 33 M

OFFSET 33 M

OFF TRACES 48-49

GEOPHONES TRACE 9

GEOPHONE INTERVAL 8.25 M

SPREAD 1584-33-X-33-1584

SOURCE CONFIGURATION SINGLE HOLE

SWEEP FREQUENC

SWEEP LENGTH

SAMPLE RATE 2 MS

RECORD LENGTH 6 SEC.

GAIN BINAR ☒
FLOATING POINT ☐
OTHER

S.P. INTERVAL 132 M

CHARGE SIZE 2.25 K

HOLE DEPTH 13 M

GEOPHONE TYPE MP38

DIRECTION SHOT SW TO NE

DIGITAL PROCESSES

DATE APRIL 1982

2 EDIT SR 2 MS

1 GAIN RECOVERY

4 STRUCTURAL CORRECTIONS
UPHOLE ELEVATION ☐
INTERCEPT METHOD ☒

T1 DECON OPER MS

8 COARSE SURFACE CONSISTENT
RESIDUAL STATICS

5 DOVE VELOCITY SPECTRA

6 NMO

7 MUTE

11 STACK 1200

TRAP

12 DIGITAL FILTER

14 DISPLAY PARAMETERS

POLARITY POSITIVE NUMBERS ARE PEAKS NORMAL POLARITY
POSITIVE NUMBERS ARE TROUGHS

60 TRACES INCH

3.75 IN SECOND

DATUM 105 M ABOVE SEA LEVEL

DATUM VELOCITY 6000 M SEC.

PRE DECON FILTER HZ

POST DECON FILTER HZ

WINDOW TO MS

10 COMMON RANGE STACK

3 SURGICAL MUTES

13 BISCAL

FLATTENED TO

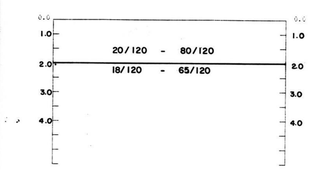
TRACE EQUALIZATION

9 TRACE SCALING

JOB NUMBER 821143

SPACE AND TIME VARIANT DIGITAL FILTER

SHOTPOINTS



REMARKS

HORIZONTAL SCALE 990 M

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LINE NO. 62X-51X
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R.R. 8X